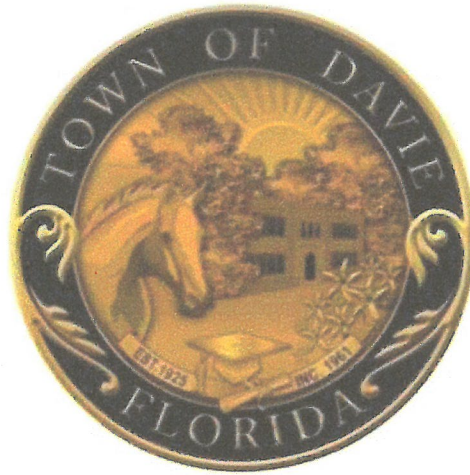


Original

TOWN OF DAVIE



SW 48th Court Water Main

SPECIFICATIONS

Prepared by:



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

August 2016

CGA Project No. 96-1630.101

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TOWN OF DAVIE, FLORIDA

TOWN OFFICIALS

6591 Orange Drive, Davie, Florida 33024 Tel: 954-327-3742 Fax: 954-327-3752

Mayor

Judy Paul

Vice Mayor

Marlon Luis

Council Member

Caryl Hattan

Council Member

Bryan Caletka

Council Member

Susan Starkey

Town Administrator

Richard J. Lemack

Town Attorney

John Rayson

Procurement Manager

Brian K. O'Connor

Utilities Director

Don Bayler

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DOCUMENT 00010

NOTICE TO BIDDERS

The Town of Davie is accepting sealed bids until 2:00 p.m. on December 1, 2016 for the following:

SW 48th Ct. Water Main

BID NUMBER B-17-07

Bids based on any one part of the work will not be considered. Bidders will therefore confine their bids to the project in its entirety.

The Bidder will submit, along with Bid, (a) Bidder should provide evidence that he or she is licensed as a General Contractor to perform the work and services, (b) evidence that he or she has successfully performed projects of similar scope and size with at least two contracts for a public entity in the last three years; and (c) a certified check or bid bond in the amount of five percent (5%) of the base bid as the guarantee that the bidder, if awarded the contract, will, within seven (7) consecutive days after written notice, be given such award, enter into a written contract with the Town of Davie in accordance with his or her accepted bid, and the bidder will submit payment and performance bonds satisfactory to the Town of Davie, equal to one hundred percent (100%) of the contract price and will submit other required documents as needed.

Upon a nonrefundable payment of **\$100.00** payable by cashier's check, money order or cash, the plans and specifications may be purchased from Calvin, Giordano & Assoc., the Engineer and Agent for the Owner located at 1800 Eller Drive – Suite 600, Ft. Lauderdale, FL 33316, phone 954-921-7781. Please call twenty-four (24) hours in advance to order sets. Bidders will be required to provide a business card in order to pick up documents. Partial sets of plans are not available.

No bidder may withdraw his/her bid for a period of ninety (90) days after the date set for opening of bids.

Companies which do not wish to bid for this purchase, but would like to be notified of future bids, should submit a "NO BID" response.

A mandatory pre-bid conference will be held in the Council Chambers at Davie Town Hall, 6591 Orange Drive, Davie, FL 33314 on November 10, 2016 at 2:00 p.m. A site visit shall immediately follow the pre-bid conference to allow access at the treatment plant site and facilities where construction is to be taken place. Meeting location will be determined at pre-bid conference.

Sealed bid envelopes containing three copies of the bid (one (1) clearly marked "original" and two (2) additional copies) and one (1) electronic should be marked with the bid name and number and boldly marked "SEALED BID". All sealed bids should be delivered no later than 2:00 p.m. on December 1, 2016 to the Purchasing Division, 6591 Orange Drive, Davie, Florida, 33314. Bids will be opened on or about 2:00 p.m., December, 1, 2016, at the Davie Town Hall. This will be a public bid opening.

The Town of Davie reserves the right to reject any and/or all bids.

TOWN OF DAVIE, FL

Brian K. O'Connor
Procurement Manager

SUPPLEMENT TO: NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN that the Town Council of the Town of Davie is seeking sealed bids for the following work as specified in Documents 00300.

TOWN OF DAVIE

SW 48th Ct. Water Main

BID NUMBER B-17-07

The Contractor shall provide a unit price bid for all work, all required permits from governmental agencies having jurisdiction in the Town of Davie, such as the Town Building and Engineering Departments, Broward County and equipment items, tools, materials, electricity and test water for completion of the SW 48th Ct. Water Main , and Tie-in to existing Water Main.

The Contractor shall be responsible for all sound level violations and reported complaints for same associated with bypass pumping and construction work. Actual field sound levels generated shall be in accordance with sound levels as governed by the Town of Davie and Broward County Ordinances whichever is more stringent. The Contractor shall respond to all reported sound and odor complaints. The Contractor shall be responsible for clean up and deodorization of any releases to the air, ground or surfaces water bodies – directly or indirectly. All clean up costs, fines, legal fees or any other unfavorable occurrences that result in damage to the Town or its reputation for same-shall be borne by the contractor.

The bidding documents will not be mailed or shipped overnight unless the purchaser provides a FedEx account number. All bidders must make their own arrangements to pick up the bid package at Calvin, Giordano & Assoc., the Engineer and Agent for the Owner located at 1800 Eller Drive – Suite 600, Ft. Lauderdale, FL 33316, phone 954-921-7781.

The Trench Safety Form must be completed in its entirety and submitted as part of the bid.

The Town of Davie reserves the right to reject any and all bids, to waive any and all informalities or irregularities and to accept or reject all or any part of any bid as they may deem to be in the interest of the citizens of the Town of Davie.

TOWN OF DAVIE, FLORIDA

Brian K. O'Connor
Procurement Manager

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DOCUMENT 00100

INSTRUCTIONS TO BIDDERS

1. SUBMITTAL

- 1.1 Sealed Bids will be received until the time and date specified in the Notice for Bids.
- 1.2 Each Bid shall be submitted in a sealed envelope plainly marked:

To: Mr. Brian K. O'Connor
Town of Davie
6591 Orange Drive
Davie, Florida 33314

Bid for: **SW 48th Ct. Water Main**

Bid No. **B-17-07**

Submitted by: AP Engineering Inc
13055 SW 15th Ct 110S
Pembroke Pines Fl 33027

- 1.3 If said Bid is forwarded by mail, it shall be enclosed in another envelope addressed to Mr. Brian K. O'Connor the Procurement Manager, Town of Davie, Florida. Bids will be received at the Town Hall until the time and date specified in the Notice for Bids. Bids received after the time and date specified will not be considered.

2. BIDS

- 2.1 It is understood by the bidder that the quantities in the specifications are for bid comparison only.
- 2.2 Bids shall be made upon forms provided for that purpose in Documents 00300, 00400, 00450, and 00650. Erasures or other changes in a Bid shall be explained or noted over the signature of the Bidder. Each Bidder shall submit sealed Bid envelopes containing one original, two copies and one electronic of the Bid and its accompanying questionnaire and should be marked with the Bid name and number and boldly marked "SEALED BID". The forms must be submitted in good order and with all blanks filled in.
- 2.3 Vendors shall return a completed W-9 form, completed Vendor/Bidder Disclosure form and E-Verify form with their bid.

3. IRREGULAR BIDS

- 3.1 Bids which are incomplete, conditional or which contain additions not called for, alterations or irregularities of any kind may be rejected.

4. SIGNATURES ON BIDS

- 4.1 Each Bidder shall sign Bid with his or her full name, company name and address. In cases where a firm or corporation submits a Bid, the Bid shall be signed with the full name of each member of the firm, or by the name of the officer or officers authorized by its by-laws, in addition to the firm or corporation signature with its official seal affixed hereto.

5. EXAMINATION OF CONTRACT DOCUMENTS

- 5.1 Bidders are notified that they must thoroughly examine the Contract Documents and Specifications which include the Notice for Bids, Instructions to Bidders, Bid Form, Form of Contract, General Conditions, Supplementary Conditions, Technical Specifications, Figures, and any Addenda issued prior to the opening of Bids.
- 5.2 On all Drawings, the figured dimensions shall govern in cases of discrepancies between the scales and figures. The Contractor shall take no advantage of any error or omission in the Drawings or any discrepancy between the Drawings and Specifications. The Town of Davie and acting as Engineer of Record Calvin, Giordano & Associates shall make such interpretations as may be deemed necessary for the fulfillment of the intent of the Drawings and Specifications.

6. EXAMINATION OF SITE

- 6.1 Each Bidder shall visit the site of the proposed work before submitting Bid and shall fully acquaint themselves with conditions relating to construction and labor so that he or she may fully understand the facilities, difficulties and restrictions attending the execution of work under the Contract. It will be assumed that the Bidder has investigated and is satisfied as to the conditions of work to be performed and materials to be furnished and shall base Bid on their own opinion of the conditions likely to be encountered, and for the bid price must assume all risk of variance, by whomsoever made in any computation or statement of amounts or quantities necessary to fully complete the work in strict compliance with the Contract Documents.
- 6.2 Each Bidder shall thoroughly examine and be familiar with the plans and specifications. The failure or omission of any Bidder to receive or examine any form, instrument, addendum or other documents, or to visit the site and acquaint themselves with conditions there existing, shall in no way relieve any Bidder from any obligation with respect to their Bid or to the Contract. The submission of a Bid shall be taken as prima facie evidence of compliance with this document.

- 6.3 No plea of ignorance of conditions that exist or that may hereafter exist, or of conditions or difficulties that may be encountered in the execution of the work under this Contract, as a result of failure to make the necessary examinations and investigations, will be accepted as an excuse for any failure or omission on the part of the Contract to fulfill, in every detail, all of the requirements of Contract Documents, nor will they be accepted as a basis on any claim whatsoever for extra compensation or for any extension of time.
- 6.4 Each Bidder shall be responsible for investigating the groundwater conditions at the site prior to submitting his or her Bid. The Bidder shall base Bid on his or her own investigation and shall assume all risk of any variances in groundwater conditions.
- 6.5 Each Bidder shall verify any available soil (core) borings, at structure sites, by undertaking his or her own soil borings as needed. Neither Owner nor Engineer will assume responsibility for varying sub-soil quality of conditions incurred during the work. The Bidder shall certify he or she has made all necessary sub-soil investigations and is satisfied the Bid adequately covers the anticipated soil conditions. No soil borings shall be taken without prior approval from the Town of Davie.

7. DISCREPANCIES

- 7.1 Should a Bidder find discrepancies or ambiguities in, or omissions from, the Drawings or Specifications, or should they be in doubt as to their meaning, they shall at once notify the Engineer.

8. INTERPRETATION OF PLANS

- 8.1 On all drawings, the figured dimension shall govern in case of discrepancy between the scales and figures. The Contractor shall take no advantage of any error or omission in the Drawings or of any discrepancy between the Drawings and Specifications. The Engineer of Record shall make such interpretations as may be deemed necessary for the fulfillment of the intent of the Drawings and Specifications as construed by the Engineer, and his/her decision shall be final. If there is a discrepancy between plans and specifications, the specifications govern.

9. INTERPRETATION OF CONTRACT DOCUMENTS PRIOR TO OPENING OF BIDS

- 9.1 If any person contemplating submitting a Bid for the proposed Contract is in doubt as to the true meaning of any part of the Drawings, Specifications or other proposed Contract Documents, they may submit to the Engineer a written request for an interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addenda duly issued, and copies of such addenda will be mailed or delivered to each person receiving a set of such documents. Request for interpretations or clarification of the Contract Document must be made in writing not later than seven (7) calendar days prior to time of Bid opening. The Owner will not be responsible for any other explanation or interpretation of the documents.

10. TIME OF COMPLETION

- 10.1 All work for this project shall be completed in accordance with Article 7 as indicated in the Bid Form. Refer to Document 00300.
- 10.2 Completion of the project shall imply trouble free system operation as recognized by the Owner or the Engineer of Record.
- 10.3 All requests for additional days due to delays that are not the fault of the Contractor shall be made to the Owner in writing within 24 hours of the onset of the delay, including rain days, in order to be considered.

11. LABOR REGULATIONS

- 11.1 The Contractor shall fully comply with all laws and regulations concerning labor, work hours, wage rates, labor conditions and related matters.

12. BID BONDS

- 12.1 The Bid Bond, in the amount of not less than five percent (5%) of the Bid, shall be paid into the funds of the Owner as damages if the Bidder fails to execute the written agreement and furnish the required Contract Security Bond within seven (7) consecutive calendar days following written notice of award of the Contract. The Bid Bond shall be countersigned by an agent of the surety company licensed to operate in the State of Florida.

13. RETURN OF BID SECURITY

- 13.1 Bid Bonds of the unsuccessful Bidders will be returned to the parties submitting same not later than fifteen (15) days after the execution of the Contract. In the event that all Bids are rejected, the Bid Bonds will be returned to all Bidders within fifteen (15) calendar days after date of rejection.

14. CONTRACT BONDS

- 14.1 The successful Bidder shall furnish a Performance Bond in an amount of at least equal to one hundred percent (100%) of the Contract price as security for the faithful performance of this Contract and Payment Bond in the amount of at least one hundred percent (100%) of the Contract price for payment of all persons performing labor on the project under this Contract. The Surety on such Bonds shall be by a duly authorized surety company satisfactory to the Owner.

15. QUALIFICATION OF BIDDER

- 15.1 A Bidder will be required to show, to the complete satisfaction of the Owner, that they have the necessary facilities, equipment, ability and financial resources to perform the work in a

satisfactory manner within the time specified. No Contract will be awarded except to responsible Contractors and businesses capable of performing the class of work contemplated. The Bidder shall submit the Qualification Forms (Document 00300 and Document 00450) with Bid.

16. DISQUALIFICATION OF BIDDERS

16.1 Any or all Bids will be rejected if there is any reason for believing that collusion exists among the Bidders, and participants in such collusion will not be considered in future Bids for the same work.

17. WITHDRAWAL OF BIDS

17.1 A Bidder may withdraw Bid provided that request is made in writing and delivered either in person or by special delivery mail to the Owner prior to the time set for opening bids.

18. OWNER'S RIGHTS RESERVED

18.1 The Owner reserves the right to accept any Bid which, in their opinion, is the lowest and best and in the best interest of the Owner. The Owner also reserves the right to reject any and all bids.

19. AGENT FOR OWNER

19.1 Calvin, Giordano & Associates Consulting Engineers shall serve as agent for the Owner, the Town of Davie, in all matters pertaining to the work on this project. No changes in the work or extra charges to the Contract are effective until recommended by the Engineer and approved by the Owner in the form of a written change order.

20. QUALIFICATION OF SURETY

20.1 The Contractor may provide a Surety Bond executed by a corporate surety company authorized to do business in the State of Florida, holding a certificate of authority from the Secretary of the Treasury of the United States as acceptable sureties on Federal Bonds and executed and issued by a resident agent licensed and having an office in the State of Florida. Said Surety Bond or its equivalent shall be in effect prior to the issuance of any work permits and shall remain in effect until the provision of the agreement to transfer ownership of any improvements have been fulfilled. The surety bond rating shall be rated at least as A or higher.

21. SUBCONTRACTORS

21.1 Unless otherwise specified in the Contract Documents or in the Instructions to Bidders, the Contractor shall furnish, concurrently with Bid submission, a list of the names of the subcontractors proposed for all parts of the work.

- 21.2 Upon the Engineer's request, submit the name, address and phone number, occupational license number and specialty. Indicate at least three (3) references and three (3) projects of similar nature.
- 21.3 The Engineer shall promptly notify the Contractor, in writing, if either the Owner or Engineer, after due investigation, has reasonable objections to any subcontractor on such list and does not accept them. Failure of the Owner or Engineer to make objection within three (3) weeks to any subcontractor on the list shall constitute acceptance of such subcontractor. After acceptance, no subcontractor shall be changed without written approval by the Owner and Engineer.

22. INSURANCE

- 22.1 The Bidder's attention is directed to the insurance requirements set out in the Supplementary Conditions herein. The Successful Bidder will be required, prior to execution of the Contract by the Owner, to furnish a Certificate of Insurance and will cause to be issued by the insurance carrier, an endorsement naming the Town of Davie and Calvin Giordano and Associates as additional insured under such Contract of Insurance.

23. POWER OF ATTORNEY

- 23.1 Attorneys-in-fact who sign Contract Bonds must file, with each Bond, a certified copy of their Power of Attorney dated the same or subsequent to the Contract.

24. AWARD OF CONTRACT

- 24.1 The Contract, if awarded, will be awarded to the lowest responsive and responsible Bidder. Such a Bidder shall possess the skill, ability and integrity necessary for the faithful performance of the work. The term "lowest responsible and responsive Bidders", as used herein, shall mean the Bidder whose Base Bid is the lowest of those Bidders possessing the skill, ability and integrity necessary for the faithful performance of the work.

25. ACCEPTANCE PERIOD

- 25.1 The Bidder shall hold his or her Bid good for acceptance by the Owner for a period of not less than ninety (90) calendar days following the date of the Bid opening. The Bid guarantee required herein above shall be effective for this period.

26. DISCRIMINATION

- 26.1 An entity or affiliate who has been placed on the discriminatory vendor list may not submit a Bid on a Contract to provide goods and services to a public entity, may not submit a Bid on a Contract with a public entity for the construction or repair of a building or public work, may not submit Bids on leases of real property to a public entity, may not award or perform

work as a contractor, supplier, subcontractor or consultant under any Contract with any public entity, and may not transact business with any public entity.

27. PUBLIC ENTITY CRIMES INFORMATION

27.1 A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crime may not submit a Bid on a Contract to provide any goods or services to a public entity, may not submit a Bid on a Contract to provide any goods or services to a public entity, may not submit a Bid with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor or a consultant under a Contract with any public entity, any may not transact business with any public entity provided in Section 287.0171, for CATEGORY TWO, for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

28. PERMITS

28.1 All Town of Davie permit fees and other required governmental permits shall be requested, processed and paid for by the Contractor as listed on itemized bid form. Construction working hours in the Town of Davie are Monday through Friday 7 AM to 7 PM. If contractor elects to work outside of these hours, contractor must request permission from the Town of Davie and pay any additional fees required per department fee schedules.

29. INDEMNIFICATION AND HOLD HARMLESS:

29.1 The Contractor agrees to indemnify and hold harmless the Town, its officers, agents and employees, free and harmless from any claim, liability, cause of action, expense or charge, of whatever kind or nature, including, but not limited to, personal injury, loss of life, property damage including loss of use thereof, and against loss of life, which may arise out of or be connected with the performance of contractor's duty hereunder, and shall indemnify the Town against any suits, actions, claims, damages, or causes of action brought by or on behalf of any person arising out of the performance of such duties, and pay all costs and expenses in connection therewith. Nothing in this agreement shall be construed to affect in any way the Town's rights, privileges, and immunities as set forth in Florida Statutes 768.28.

30. TERMINATION OF CONTRACT:

30.1 It is agreed that should the Contractor fail, in the sole discretion of the Town, in keeping and performing any and all terms and conditions of the contract, it may be canceled upon written notification.

31. LIQUIDATED DAMAGES:

31.1 The Town shall assess a one thousand (\$1,000) per day liquidated damage cost for every day the project exceeds the contract allotted time. These costs will be levied in all cases but for those approved extensions by the Town or due to extreme Acts of God. Liquidated damages will be levied for each day after the designated Time of Completion, Sundays and Holidays included, that the work remains incomplete. This sum shall represent the actual damages which the Owner will have sustained per day by failure of the Contractor to complete the work within the time stipulated, and this sum is not a penalty, being the liquidated damages the Owner will have sustained in the event of such default by the Contractor.

32. PAYMENT:

32.1 Payment shall be in accordance with the Florida Prompt Payment Act. Progress payments may be invoiced one time per month maximum. A 10% retainage will be withheld until final acceptance by the Town of Davie has been obtained, the required final inspections have been approved, the "as built" drawings have been received, and Final Releases of Lien have been received by the Town of Davie for all materials suppliers and subcontractors. The bidder may choose to accept payment from the Town of Davie credit card. This type of payment can be made immediately after acceptance by the Town of Davie.

33. WARRANTY:

33.1 The Contractor shall warranty to the Owner that all materials and equipment furnished under the contract by the General Contractor or his/her subcontractor will be of good quality and new, and that the Work shall be free from defects not inherent in the quality, required or permitted, and that the Work shall conform with the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, will be considered defective. Any defective work must be repaired or replaced by the Contractor at no expense to the Owner for a period of one year after acceptance. The Contractor's warranty excludes remedy for damage caused by abuse, modifications not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear under normal usage.

34. "AS BUILT" RECORD DOCUMENTS:

34.1 The Contractor shall supply the Owner with one (1) set of "as built" record drawings, three (3) signed and sealed, and a CD with the electronic CAD drawings in State Plane Coordinates NAD 83, if applicable, indicating the final installation of the Site's, concrete, plumbing, electrical, structural, and all other systems, as well as drainage inverts, outfall and elevations, roadway rock and driveway connection elevations, including all modifications made due to field conditions, change orders, et cetera. Surveying and layout expenses are the responsibility of the Bidder.

35. RESTRICTIONS TO PUBLIC ACCESS TO PROJECT PLANS

35.1 The Contractor shall be advised that public access to project plans is now restricted, and plans are no longer subject to public records requests, as per Florida Status F.S.119.07 (3) (ee) which states:

“(ee) Building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or other structure owned or operated by an agency as defined in s.119.011 are exempt from the provisions of subsection (1) and s. 24(a), Art. 1 of the State Constitution. This exemption applies to building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or owned or operated by an agency before, on, or after the effective date of this act. Information made exempt by this paragraph may be disclosed to another governmental entity if disclosure is necessary for the receiving entity to perform its duties and responsibilities; to a licensed Engineer, or contractor who is performing work on or related to the building, arena, stadium, water treatment facility, or other structure owned or operated by an agency; or upon showing of good cause before a court of competent jurisdiction. The entities or persons receiving such information shall maintain the exempt status of the information. This paragraph is subject to the Open Government Sunset Review Act of 1995 in accordance with s. 119.15, and shall stand repealed on October 2, 2007, unless reviewed and re-enacted by the Legislature.”

36. CODE COMPLIANCE

36.1 All work shall comply fully with the Florida Building Code, Latest Edition, The Town of Davie’s “Land Development Code,” The Town of Davie’s “WATER AND SEWER UTILITIES STANDARDS – MARCH 2007 REVISION and all other applicable Federal, State and County Codes, Regulations, Statutes, Ordinances, and Referenced Standards.

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DOCUMENT 00300

BID FORM

TOWN OF DAVIE

SW 48th Ct. Water Main

SUBMITTED: December 1, 2016
Date

This Bid is submitted to: Town Council, Davie, Florida.

1. The undersigned, as Bidder, hereby declares that he/she is acquainted with the site of the construction as shown on the drawings and specifications and has fully acquainted himself/herself with the work to be done; that he/she has thoroughly examined the drawings, Specifications and all Contract Documents pertaining thereto; and has read any and all addenda issued prior to the opening of Bids; all as designed under the Engineer's Bid Number **B-17-07**.
2. The Bidder proposes and agrees, if this Bid is accepted, to secure all required permits, furnish all necessary materials, tools, construction equipment, all necessary transportation and labor to complete the construction as shown, detailed and described in the Specifications and on the drawings.
3. It is understood by the Bidder that the quantities in the following quotation form are given for the purpose of the Bid comparison only.
4. It is understood by the Bidder that all Bid item amounts shall be submitted. In the event any item is not included, rejection of the Bid will be considered by the Owner.
5. It is understood that certain portions of the Bid section may be deleted from the awarded Contract at the Owner's discretion.
6. The Bidder acknowledges that, included in the various items of the Bid and in the total Bid price, are costs for complying with the Florida Trench Act of 1990.
7. The Bidder agrees that, if awarded the Contract, he/she will sign the Contract Documents within seven (7) calendar days of the Notice of Award; that he/she will commence the work on the date stated in the Notice to Proceed; and that he/she will have the work fully completed for Owner's use within **90 calendar days**. If not, liquidated damages will be assessed at the rate of one thousand dollars (\$1,000.00) per calendar day, Sundays and holidays included.

8. The Bidder is licensed as a Contractor to perform the work or services contemplated by this Bid and holds License No. CUC1225362 issued by DBPR, Florida.

BIDDER AP ENGINEERING INC
ADDRESS 13055 SW 15th CT 110 Pembroke
Pines FL 33027

The Bidder further proposes that the following subcontracting firms or businesses will be awarded subcontracts for the following portions of the work in the event the Bidder is awarded the Contract:

NONE

1.

(Portion of Work)

(Name of Subcontractor) (Telephone #)

(Street) (City) (State) (Zip)

2.

(Portion of Work)

(Name of Subcontractor) (Telephone #)

(Street) (City) (State) (Zip)

3.

(Portion of Work)

(Name of Subcontractor) (Telephone #)

(Street) (City) (State) (Zip)

4.

(Portion of Work)

(Name of Subcontractor) (Telephone #)

(Street) (City) (State) (Zip)

5.

(Portion of Work)

(Name of Subcontractor) (Telephone #)

(Street) (City) (State) (Zip)

AP Engineering Inc

13055 SW 15Th Ct 110 Pembroke Pines

BIDDER

ADDRESS

(Sign below if incorporated)

ATTEST:



(CORPORATE SEAL)

AP ENGINEERING INC

(Name of Corporation)

Jorge Acosta

(Secretary)

Jorge Acosta Secretary
(Signature and Title)

JORGE ACOSTA/ SECRETARY

(Type Name and Title signed above)

Incorporated under the laws of the State of FLORIDA.

**BID FROM:
IF BIDDER IS:
An Individual**

By: _____ (SEAL)
_____ (Individual's Name)

Doing business as _____
Business Address _____

Phone: _____

A Partnership

By: _____ (SEAL)
_____ (Firm's Name)

_____ (General Partner)

Business Address _____

Phone: _____

By: _____ (SEAL)
_____ (Individual's Name)

A Corporation- AP ENGINEERING INC

By: _____ (SEAL)
_____ (Corporation Name)

FLORIDA

_____ (State of Incorporation)

By: Elvin Pagan Padilla _____
_____ (Name of Person Authorized to Sign)

President

_____ (Title)

Phone: 954 603-4122 _____

_____ (Corporate Seal)

Attest: _____

_____ (Secretary)

Business Address 13055 SW 15th Ct 110
Pembroke Pines FL 33027

Phone: 954-603-4122 _____

A Joint Venture

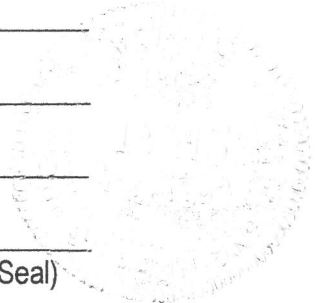
By: _____
_____ (Name)

_____ (Address)

By: _____
_____ (Name)

_____ (Address)

(Each joint venture must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.)



BID FORM
TOWN OF DAVIE SW 48TH WATER MAIN
Bid No. B-17-07

Bid Item	Description	Estimated Quantity	Unit	Unit Price
1	Mobilization/Demobilization/Erosion Control Not to Exceed 5% of Total Bid	1	LS	\$ 9,975.00
2	Maintenance of Traffic	1	LS	\$ 3,500.00
3	Furnish and Install 6" Water Main complete for furnishing, installation and operation, including all labor, equipment and materials necessary for final product. Including, but not limited to all excavation, piping, fittings, tie-ins, valves, fire hydrants, backfilling, compaction, testing, restoration, hauling and disposal, as indicated on plans and specifications.	1	LS	\$ 166,075.00
4	Engineering Department Fees (10% of Bid Price)	1	LS	\$ 19,950.00
Total Contract Amount				\$ 199,950.00

TOTAL CONTRACT AMOUNT IN WORDS

one hundred ninety-nine thousand nine hundred fifty

The lowest Bid shall be determined by the Total Contract Amount

BID FORM
Acknowledgement of Addenda

Bidding Contractor shall indicate receipt of addendum by initialing below for each addendum received.

Addendum #1 EP Addendum #2 _____

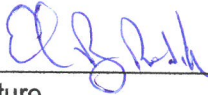
Addendum #3 _____ Addendum #4 _____

CONTRACTOR AFFIDAVIT

General Contractor must acknowledge via letter of transmittal that they have reviewed the entire Contract Documents and will provide all "NAMED PRODUCTS" or approved substitutions per Document 00100 and Document 00800, and in the event there is ambiguity or conflict relating to items or arrangements to be furnished under the Contract Documents, the Engineer will determine which takes precedence. It is understood that the Contractor shall furnish the items or arrangements of greater quantity, better quality, or higher cost as conclusively determined by the Engineer.

In addition, the General Contractor has reviewed this condition with all the Subcontractors and Suppliers.

General Contractor



President

Signature

Title

AP Engineering Inc

Company Name

TOWN OF DAVIE

SW 48th Ct. Water Main

QUALIFICATION REQUESTS

Contractor to list projects fulfilling the following qualification requests:

Contractor should list projects where the following building components and/or building systems were utilized under their direct supervision and General Contractor License:

1. Projects involving Water Main Installations.
2. List Project Management Personnel, include resumes. Personnel cannot be changed without written approval.
 - * Principal in charge
 - * Project Manager
 - * Superintendent
3. List three (3) previous public Bid projects in Broward County. List Owner's representative and phone number.
4. Failure to have successfully completed previous public Bid projects may disqualify Bidder.

Omission of any of the above items in the Project List will disqualify Bid!

PROJECT LIST

Completed Construction Projects that satisfy qualification requirements:

Project Name	Owner or Representative	Phone Number	Engineer	Contract Amount	Date Completed
1. 12" DUCTILE IRON POTABLE WATER DISTRIBUTION	Puerto Rico Aqueduct and Sewer Authority,		Eng Hector Gierbolini	P 787 406-9915	
	\$237,000	June 2008			
2. PIPE INSTALLATION 16" DUCTILE IRON POTABLE WATER	Puerto Rico Aqueduct and Sewer Authority		Eng Axel Collazo	P 787 566-0199	
	\$850,000	Feb 2007			
3. SEWAGE CONTRUCTION AT SAN AGUSTIN ST,	Puerto Rico Aqueduct and Sewer Authority,		Eng Axel Collazo	P 787 566-0199	
	\$920,000	July 2006			
4. SMALL AND LARGE METER REPLACEMENT	Puerto Rico Aqueduct and Sewer Authority,		Eng Axel Collazo	P 787 566-0199	
	\$4,950,000	July 2015			
5. Repair of the water main 72"	Puerto Rico Aqueduct and Sewer Authority		Eng Esteban Fuentes	P 787 242-8674	
	\$150,000	Jan 2008			
6. 30" POTABLE WATER TAP	Puerto Rico Aqueduct and Sewer Authority		Eng Esteban Fuentes	P 787 242-8674	
	\$285,000	Feb 2007			
7. 66" MAIN WATER REPAIR	Puerto Rico Aqueduct and Sewer Authority		Eng Axel Collazo	P 787 242-8674	
	\$177,000	May 2011			



Town of Davie Vendor/Bidder Disclosure

I, Elvin Pagan Padilla, being first duly sworn state that:

The full legal name and business address of the person(s) or entity contracting with the Town of Davie ("Town") are as follows (Post Office addresses are not acceptable):

Name of Individual, Firm, or Organization: AP Engineering Inc

Address: 13055 SW 15th CT 110
Pembroke Pines FL 33027

FEIN 26-1646027

State and date of Incorporation Florida Jan 2, 2008

OWNERSHIP DISCLOSURE AFFIDAVIT

1. If the contract or business transaction is with a corporation, the full legal Name and Business address shall be provided for each officer and director and each stakeholder who directly or indirectly holds five percent (5%) or more of the corporation's stock. If the contract or business transaction is with a trust, the full name and address shall be provided for each trustee and each beneficiary. All such names and addresses are as follows: (Post Office addresses are not acceptable):

Full Legal Name	Address	Ownership
Elvin Pagan Padilla	13055 SW 15th Ct 110 Pembroke Pines	50%
Jorge Acosta	12755 SW 16th Ct 403B Pembroke Pines FL 33027	50%
		%
		%

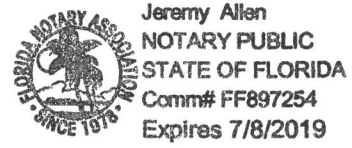
2. The full legal names and business addresses of any other individual (other than subcontractors, material men, suppliers, laborers, and lenders) who have, or will have, any legal, equitable, or beneficial interest in the contract or business transaction with the Town are as follows (Post Office addresses are not acceptable):

Full Legal Name	Address
AP Engineering Inc	13055 SW 15th CT 110 Pembroke Pines

By: Elvin Padilla Date: Dec 1, 2016
Signature of Affiant
Elvin Pagan Padilla
Print Name

SUBSCRIBED AND SWORN TO or affirmed before me this 1st day of December 2016, by Elvin Padilla,
he/she is personally known to me or has presented Florida Driver's Lic. as identification.

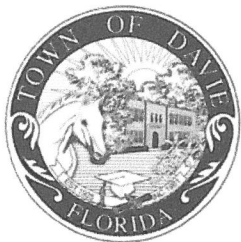
Jeremy Allen
Notary Public, State of Florida at Large



Jeremy Allen
Print or Stamp of Notary

FF897254
Serial Number

My Commission Expires: 07-08-2019



LOCAL VENDOR PREFERENCE

Definitions

Local Davie Vendor- a “local Davie vendor” shall mean a person or business entity which has maintained a permanent place of business with full-time employees within the Town limits for a minimum of six months prior to the date of issuance of a bid or proposal solicitation. The permanent place of business **may not** be a post office box or a residence. The business location must actually distribute goods or services from that location. In addition, the business must have a current business tax receipt from the Town of Davie and have an address that the U.S. Postal Service recognizes as being a Davie address to be eligible.

Local Broward County Vendor- a “local Davie vendor” shall mean a person or business entity which has maintained a permanent place of business with full-time employees within the Broward County limits for a minimum of six months prior to the date of issuance of a bid or proposal solicitation. The permanent place of business **may not** be a post office box or a residence. The business location must actually distribute goods or services from that location. In addition, the business must have a current business tax receipt from the Broward County or the city within Broward County where the business resides and have an address that the U.S. Postal Service recognizes as being a Broward County address to be eligible.

Bid- A bid shall be any competitive solicitation by specification officially posted by the Town of Davie Purchasing staff on the Town’s website where the award is determined by price.

Proposal- a proposal shall be any competitive solicitation by Request for Proposal (RFP) officially posted by the Town of Davie purchasing staff on the Town’s website where the award is determined by qualifications.

Process

a) **Competitive Bid-** For bid evaluation purposes, vendors that meet the definition of “local Davie vendor” as detailed above shall be given a 5% evaluation credit. This shall mean that if a “local Davie vendor” submits a bid/quote that is within 5% of the lowest price submitted by any vendor, the “local Davie vendor” shall have an option to submit another bid which is at least 1% lower than the lowest responsive bid/quote. If the “local Davie vendor”

submits a bid which is at least 1% lower than that lowest responsive bid/quote, then the award will go to the “local Davie vendor”. If not, the award will be made to the vendor that submits the lowest responsive bid/quote. **If the lowest responsive and responsible bidder IS a “local Davie vendor”, the award will be made to that vendor and no other bidders will be given an opportunity to submit additional bids as described herein.**

For bid evaluation purposes, vendors that meet the definition of “local Broward County vendor” as detailed above shall be given a 2.5% evaluation credit. This shall mean that if a “local Broward County vendor” submits a bid/quote that is within 2.5% of the lowest price submitted by any vendor, the “local Broward County vendor” shall have an option to submit another bid which is at least 1% lower than the lowest responsive bid/quote. If the “local Broward County vendor” submits a bid which is at least 1% lower than that lowest responsive bid/quote, then the award will go to the “local Broward County vendor”. If not, the award will be made to the vendor that submits the lowest responsive bid/quote. **If the lowest responsive and responsible bidder IS a “local Davie vendor”, the award will be made to that vendor and no other bidders will be given an opportunity to submit additional bids as described herein.**

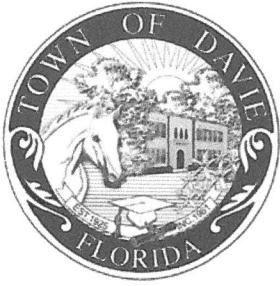
If there is a “local Davie vendor” and a “local Broward County vendor” participating in the same bid solicitation and both vendors qualify to submit a second bid as detailed above, the “local Davie vendor” will be given first option. If the “local Davie vendor” cannot beat the lowest bid received by at least 1%, an opportunity will be given to the “local Broward County vendor”. If the “local Broward County vendor” cannot beat the lowest bid by at least 1%, then the bid will be awarded to the lowest bidder regardless of geographic location of the business.

If multiple “local Davie vendors” submit bids/quotes which are within 5% of the lowest bid/quote, then all vendors will be asked to submit a “best and final offer (BAFO)”. The award will be made to the “local Davie vendor” submitting the lowest BAFO providing that that BAFO is at least 1% lower than the lowest bid/quote received in the original solicitation. If no “local Davie vendor” can beat the lowest bid/quote by at least 1%, then the process will be repeated with all “local Broward County vendors” who have submitted a bid/quote which is within 2.5% of the lowest bid/quote. If no “local Davie vendor” and no “local Broward County vendor” can submit a BAFO that is at least 1% lower than the lowest bid/quote submitted in the original solicitation, the award will be made to the lowest responsive bidder regardless of geographic location of the business.

b) Competitive Proposal- For evaluation purposes, “local Davie vendor” and “local Broward County vendor” shall be a criterion for award in any Request For Proposal unless specifically exempted by the Town Administrator or the Town Council.

c) Exceptions

1. No “local vendor” preference will be included in any competitive solicitation where the Town is the lead agency for the Southeast Florida Cooperative Purchasing Group.
2. Utilization of a State or other agency contract.
3. State or Federal law prohibits the use of local preference.
4. The work is funded in whole or in part by a governmental entity where the laws, rules, regulations or policies prohibit the use of local preferences.
5. Sole source or single source purchases.
6. The “local vendor” is either non-responsive or non-responsible.
7. All bids submitted exceed the budget amount for the project.
8. Emergency purchases.
9. The Town Administrator and/or the Town Council may exempt any competitive solicitation from the local vendor preference.



Town of Davie Local Vendor Preference

Affidavit of Eligibility

Complete all areas below. Incomplete forms may be rejected.

_____ My business is located within the Town of Davie. **Not Applicable**

LEGAL NAME OF FIRM: _____

Physical address:

Phone number _____ Fax number _____

Email address _____

Has the business name changed since it was opened in Davie? Yes _____ No _____

If Yes please provide the previous business name: _____

Taxpayer Identification Number: _____

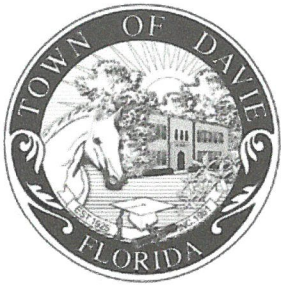
Date your business was established in Town of Davie: _____

Business license: License number: _____ Date issued: _____

_____ A copy of my Business Tax Receipt is attached.

I employ _____ (insert a number) full time employees.

If your business is a Broward County business but not located within the Town of Davie please fill out the information on the next page.



Town of Davie Local Vendor Preference Broward County Vendor

Affidavit of Eligibility

Complete all areas below. Incomplete forms may be rejected.

My business is located within Broward County but not in the Town of Davie.

LEGAL NAME OF FIRM: AP Engineering Inc

Physical address: 13055 SW 15th Ct 110 Pembroke Pines

Phone number 954 603-4122 Fax number _____

Email address epagan58@gmail.com

Has the business name changed since it was opened in Broward County? Yes ___ No

If Yes, please provide the previous business name: Not Applicable

Taxpayer Identification Number: 26-1646027

Date your business was established in Broward County: 2012

Business license: License number: CUC1225362 Date issued: Nov 9, 2016

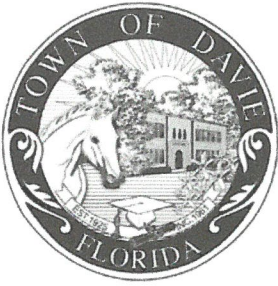
_____ A copy of my Business Tax Receipt is attached.

I employ 7 (insert a number) full time employees.

The undersigned states that the forgoing statements are true and correct. The undersigned also acknowledges that any person, firm, corporation or entity intentionally submitting false information to the Town in an attempt to qualify for local preference shall be prohibited from bidding on Town of Davie products and services for a period of one (1) year.

Authorized Signature: _____ Date: _____

Printed Name & Title: _____



**SOLID WASTE CONSTRUCTION AND DEMOLITION
DEBRIS COLLECTION AND DISPOSAL
REQUIREMENTS FOR BIDDING JOBS IN THE TOWN
OF DAVIE**

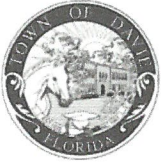
The Town of Davie has an exclusive solid waste franchise agreement with Waste Management, Inc. of Florida for the collection and disposal of all solid waste including construction and demolition (C & D) debris as defined within Florida Statutes Chapter 403. All applicants for bids to perform construction work for the Town of Davie shall be subject to the requirements found in the Town's exclusive solid waste franchise agreement and must contract with Waste Management for the collection and disposal of all construction and demolition debris generated at such construction job sites.

For the current applicable rates and fees for Waste Management dumpsters, roll-off containers, and other related solid waste service equipment needs, please contact Kay Hurley, Waste Management Construction Services Account Manager at (954) 439-4067 or khurley@wm.com.

For further information related to bid specifications related to solid waste franchise requirements, please contact Brian K. O'Connor, Procurement Manager, at (954) 797-1016 or brian_oconnor@davie-fl.gov.

For solid waste franchise enforcement questions, please contact the Town of Davie Program Division's representative at (954) 797-1045 or Danny Stallone, Code Compliance Official at (954) 693-8237.

PLEASE BE ADVISED THAT THE FAILURE OF ANY BIDDER FOR A CONSTRUCTION PROJECT FOR THE TOWN OF DAVIE, INCLUDING AND NOT LIMITED TO GENERAL CONTRACTORS AND DEVELOPERS, TO ADHERE TO THE REQUIREMENTS OF THE TOWN OF DAVIE'S EXCLUSIVE SOLID WASTE FRANCHISE AGREEMENT SHALL RESULT IN A NOTICE OF VIOLATION, CITATION OR SIMILAR CODE ENFORCEMENT ACTION BEING TAKEN AGAINST THEM. ENFORCEMENT ACTION MAY INCLUDE DENIAL OR REVOCATION OF A BID APPLICATION AND ITS APPROVAL. THE ENFORCEMENT ACTION WILL RESULT IN FINES AND LIENS UP TO \$15,000/DAY FOR IRREPARABLE VIOLATIONS, UP TO \$1,000/DAY FOR FIRST VIOLATIONS, UP TO \$5,000/DAY FOR REPEAT VIOLATIONS PLUS APPLICABLE COST RECOVERY AND ATTORNEY FEES.



BID SUBMITTAL COMPLETION CONFIRMATION for ITB's:

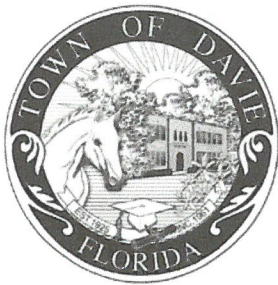
- I, the Bidder, have completed and signed (preferably in blue ink) all required bid document pages.
- I, the Bidder, have submitted my bid on the bid sheets provided, and acknowledge that bids not submitted on bid sheets provided may be rejected.
- I, the Bidder, have filled in all spaces on the pricing page as noted, and acknowledged that bids with spaces left blank on the pricing page may be rejected.
- I, the bidder, have included all information, certificates, licenses and additional documentation as required by the Town in this bid document.
- I, the Bidder, have checked for any addendums to this bid, and will continue to check for any addendums up to the due date and time of this bid.
- I, the Bidder, have included on the face of the envelope, my company name and return address, the date and time of the bid opening, and the bid name and number.
- I, the Bidder, have submitted one (1) original and two (2) copies of the entire bid document and addendums.
- I, the Bidder, have read and completed the Vendor/Bidder Disclosure Form.
- I, the Bidder, have read and completed the W-9 Form.
- I, the Bidder, am aware that a Notice of Intent to Award this bid shall be posted on the Town's website at www.davie-fl.gov and on the Town Hall bulletin board in the front lobby at Town Hall, and that it is my responsibility to check for this posting.
- I, the Bidder, have submitted all supporting documentation for local preference eligibility, which must be received with the bid package prior to the bid opening date and time.
- I, the Bidder, have completed this checklist and it is included with my submittal.

NAME OF COMPANY: AP Engineering Inc

BIDDER'S NAME: AP Engineering Inc

BIDDER'S AUTHORIZED SIGNATURE: 

DATE: Dec 1, 2016



**TOWN OF DAVIE
E-VERIFY FORM**

BID NUMBER B-17-07


Bid No: _____

Project Description: **SW 48th Court Water Main**

Vendor/Consultant acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of:

- (a) all persons employed by Vendor/Consultant to perform employment duties within Florida during the term of the contract; and
- (b) all persons (including subcontractors/subvendors) assigned by Vendor/Consultant to perform work pursuant to the contract with the Department. The Vendor/Consultant acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with the Town of Davie.

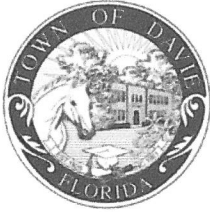
Company/Firm: AP Engineering Inc

Authorized Signature: 

Print Name Elvin Pagan Padilla

Title: President

Date: December 1, 2016



Bid Protest Procedure

If a vendor feels that they have been treated unfairly concerning the results of a solicitation, or the resulting recommendation for award, they may protest the Town's action as follows:

1. The vendor must submit a letter to the Procurement Manager detailing the nature of the protest accompanied by two (2) cashier's checks within three (3) working days of the Notice of Intent to Award. The first check will be in the amount of \$500 (hereinafter called "the administrative fee"). The second check will be in the amount of 1% of the bid amount (hereinafter called "the protest bond"). The Town's Notices of Intent to Award are posted on the Town of Davie website.

If the Procurement Manager receives a bid protest letter, the administrative fee, and the protest bond as described above, the bid award process will be suspended and the protest will be referred to the Bid Protest Committee. However, if the project is needed to protect the health, safety, and/or welfare of the residents of the Town of Davie, the award of the project will proceed without interruption. The Bid Protest Committee shall consist of three (3) Town of Davie staff member selected by the Town Administrator. The Procurement Manager and the employee that wrote the Recommendation for Award may not sit as a member of the Bid Protest Committee. However, the Procurement Manager and the staff member that wrote the Recommendation for Award shall be present at the hearing of the Bid Protest Committee to answer any questions pertaining to the bid process or the evaluation process.

The Bid Protest Committee shall schedule a hearing within ten (10) working days from receipt of the protest letter. All parties having an interest in the outcome will be notified of the date and time of the hearing. If the bid protest is denied, the vendor will forfeit the protest bond. If the protest is upheld, the protest bond will be returned to the vendor. The administrative fee shall be non-refundable in all cases.

If the Bid Protest Committee denies the protest, the aggrieved vendor may appeal his/her case to the Davie Town Council. In order to appeal, the vendor must notify the Town Administrator within three (3) working days of the Bid Protest Committee's ruling. Upon notification, the Town Administrator will schedule the appeal as an agenda item on the next available Town Council agenda. All bidders will be notified of the agenda date.

Once the bid protest is resolved, the Town will proceed with the bid award, except as exempted in 2, above.

**Request for Taxpayer
Identification Number and Certification**

**Give Form to the
requester. Do not
send to the IRS.**

Name (as shown on your income tax return) **AP Engineering, Inc**

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification (required): Individual/sole proprietor C Corporation S Corporation Partnership Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶

Other (see instructions) ▶

Address (number, street, and apt. or suite no.) **13055 SW 15th Ct 110S**

City, state, and ZIP code **Pembroke Pines, FL 33027**

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

				-					
--	--	--	--	---	--	--	--	--	--

Employer identification number

2	6	-	1	6	4	6	0	2	7
---	---	---	---	---	---	---	---	---	---

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ Date ▶

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

DOCUMENT 00400

BID BOND

BIDDER (Name, Address and Phone No.):

AP ENGINEERING, INC.

320 FLAMINGO RD 167

PEMBROKE PINES, FL 33027 / PHONE NO.: (305) 833-8015

SURETY (Name and Address of Principal Place of Business):

TRAVELERS CASUALTY & SURETY COMPANY OF AMERICA

ONE TOWER SQUARE

HARTFORD, CT 06183

OWNER (Name and Address and Phone No.):

TOWN OF DAVIE

6591 Orange Drive

Davie, Florida 33314

Phone (954) 797-1030

BID

BID DUE DATE:

PROJECT:

SW 48th Ct. Water Main

All work, tools, equipment and materials required for the SW 48th Ct. Water Main shall be provided by the Contractor.

BOND

BOND NUMBER: T2016-134

DATE: (Not later than Bid due date): NOVEMBER 30, 2016

PENAL SUM: 5% of Bid amount

IN WITNESS WHEREOF, Surety and Bidder, intending to be legally bound, hereby subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent or representative.

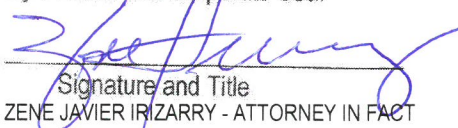
BIDDER
AP ENGINEERING, INC.

Bidder's Name and Corporate Seal

By: _____
Signature and Title

SURETY
TRAVELERS CASUALTY & SURETY COMPANY OF AMERICA

Surety's Name and Corporate Seal

By: 
Signature and Title
ZENE JAVIER IRIZARRY - ATTORNEY IN FACT

(Attach Power of Attorney)

Attest: _____
Signature and Title

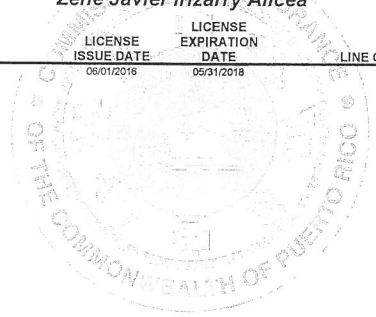
Attest: _____
Signature and Title

License No: 24935 Commonwealth of Puerto Rico NPN: 10386551

OFFICE OF THE COMMISSIONER OF INSURANCE

Zene Javier Irizarry Alicea

LICENSE/REGISTRATION	LICENSE ISSUE DATE	LICENSE EXPIRATION DATE	LINE OF AUTHORITY
Attorney-in-Fact	06/01/2016	05/31/2018	



To validate the accuracy of this license you may review the same at <https://sbs.naic.org/solar-web/pages/public/lookup/lookupLanding.jsf>

Angela Weyne Roig
Angela Weyne Roig
Commissioner of Insurance

Zene Javier Irizarry Alicea
PO BOX 70313
SAN JUAN PR 009360313

License No: 24935 Commonwealth of Puerto Rico NPN: 10386551

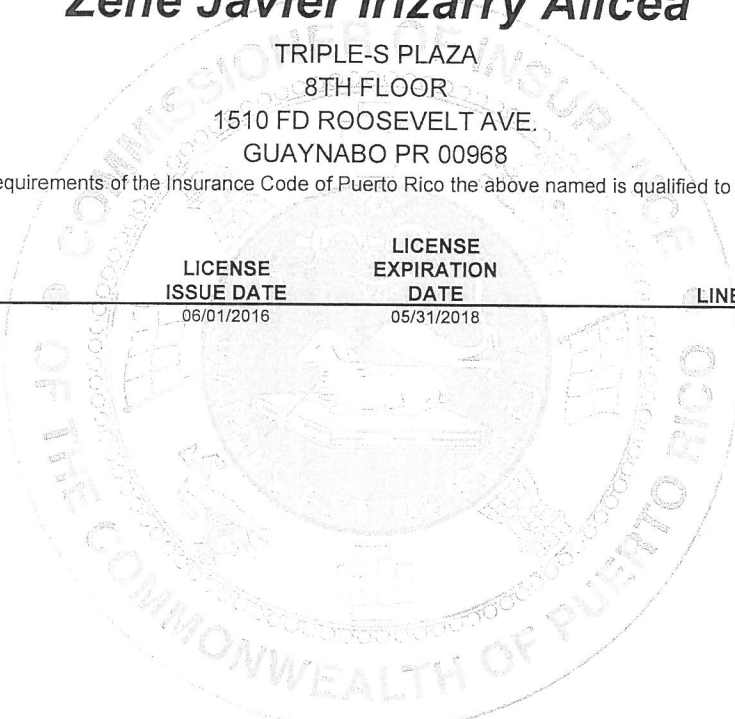
OFFICE OF THE COMMISSIONER OF INSURANCE

Zene Javier Irizarry Alicea

TRIPLE-S PLAZA
8TH FLOOR
1510 FD ROOSEVELT AVE.
GUAYNABO PR 00968

This is to certify that pursuant to requirements of the Insurance Code of Puerto Rico the above named is qualified to do business in Puerto Rico with the authority listed below.

LICENSE/REGISTRATION	LICENSE ISSUE DATE	LICENSE EXPIRATION DATE	LINE OF AUTHORITY
Attorney-in-Fact	06/01/2016	05/31/2018	



This qualification shall remain in effect until the expiration date, when applicable, unless previously suspended, revoked or terminated pursuant to the law and regulations in force.

Angela Weyne Roig
Ángela Weyne Roig
Commissioner of Insurance

To validate the accuracy of this license you may review the same at <https://sbs.naic.org/solar-web/pages/public/lookup/lookupLanding.jsf>



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 224788

Certificate No. 006242542

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Jose Miguel Del Amo Mojica, Eva Gloria Salgado Micheo, and Zene Javier Irizarry

of the City of Guaynabo, State of Puerto Rico, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 13th day of February, 2015.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 13th day of February, 2015, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

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DOCUMENT 00450

TRENCH SAFETY AND QUALIFICATION FORM

This form must be completed and signed by the Bidder. Failure to complete this form may result in the Bid being declared non-responsive.

Bidder acknowledges that the Florida Trench Safety Act, Section 553.60 et seq., which became effective October 1, 1990, shall be in effect during the period of construction of the project. The Bidder, by signing and submitting the Bid, assures that the Bidder will perform trench excavations in accordance with applicable trench safety standards. The Bidder further identifies the following separate item of cost of compliance with the applicable trench safety standards, as well as the method of compliance:

Method of Compliance

Open Trench Excavation following 553.53 Excavation will not exceed 5FT

Amount Total \$ 3,500

Bidder acknowledges that this amount is included in the applicable items of the proposal and in the grand total bid price. Failure to complete the above will result in the Bid being declared non-responsive.

The Bidder is, and the Owner and Engineer are not, responsible to review and assess all safety precautions, programs and costs, and the means, methods, techniques or technique adequacy, reasonableness of cost, sequences and procedures of any safety precaution, including, but not limited to, compliance with any and all requirements of Florida Statute Section 553.60 et seq., cited as the "Trench Safety Act. Bidder", and is responsible to determine any safety or safety related standards that apply to the Project.

[Signature]
Witness Signature

[Signature]
Bidder Signature

Maria Gonzalez
Witness Printed Name

Elvin Pagan Balle
Bidder Printed Name

13055 SW 15th Ct Pembroke Park
Witness Address

President
Title

Dec 1, 2016
Date

Dec 1, 2011
Date

BIDDER'S QUALIFICATION FORM

The undersigned guarantees the truth and accuracy of all statements and answers herein contained.

1. How many years has your organization been in business as a General Contractor?
I have over 30 year of experience, AP Engineering is a new company

2. List two projects successfully performed for a public entity.
 - A. Project Name: 30" POTABLE WATER TAP Owner: Puerto Rico Aqueduct and Sewer Authority,
 Project Address: ROAD PR-31 NAGUABO.
 Contact: Eng Esteban Fuentes Phone: 787 242 8674
 Contract Amount: \$285,000 Date of Completion: Feb 2007
 Description of Work: Tapping a 30" main potable water

 - B. Project Name: SMALL AND LARGE METER REPLACEMENT Owner: Puerto Rico Aqueduct and Sewer Authority,
 Project Address: East Region
 Contact: Eng Axel Collazo Phone: 787 566 0199
 Contract Amount: \$4,950,000 Date of Completion: July 2015
 Description of Work: Replacement of water meter for residential, commercial and industrial

3. Have you ever failed to complete work awarded to you? If so, where and why?
No

4. Name three individuals or corporations for which you have performed work and to which you refer:
PRASA, PREPA and Janssen Pharmaceutical

5. List the following information concerning all contracts on hand as of the date of submission of this proposal. (In case of co-venture, list the information for all co-ventures.)

NAME OF PROJECT	OWNER	TOTAL CONTRACT VALUE	CONTRACTED DATE OF COMPLETION	PERCENTAGE COMPLETION TO DATE
<u>None</u>				

(Continue list on insert sheet, if necessary.)

6. Have you personally inspected the proposed work, and have you a complete plan for its performance?

Yes

7. Will you sublet any part of this work? If so, give details such as the subcontractor name, address, phone number and type of work to be performed. Also, indicate the percentage of the total work to be performed by the subcontractor.

No

8. What equipment do you own that is available for the work?

All equipment will be rented

9. What equipment will you purchase for the proposed work?

none

10. What equipment will you rent for the proposed work?

Digger, bobcat, International 7300, platform, asphalt cutting machine

water truck any necessary equipment and light tools

11. The following is given as a summary of the Financial Statement of the undersigned: (List assets and liabilities, and use insert sheet if necessary.)

12. State the true, exact, correct and complete name of the partnership, corporation or trade name under which you do business, and the address of the place of business. (If a corporation, state the name of the President and Secretary. If a partnership, state the name of all the partners. If a trade name, state the names of the individuals who do business under the trade name. It is absolutely necessary that this information be furnished.)

AP Engoineering

Correct Name of Bidder

- (a) The business is a (sole proprietorship) (partnership) (corporation)
Corporation

- (b) The address of principal place of business is:

13055 SW 15th Ct 110 Pembroke Pines

- (c) The names of the corporate officers, or partners or individuals doing business under a trade name, are as follows:

Elvin Pagan and Jorge Acosta

AP Engineering Inc

Bidder

END OF DOCUMENT

AP Engineering, Inc
13055 SW 15th CT 110
Pembroke Pines FL 33027

We acknowledge via this letter of that they have reviewed the entire Contract Documents and will provide all "NAMED PRODUCTS" or approved substitutions per Document 00100 and Document 00800, and in the event there is ambiguity or conflict relating to items or arrangements to be furnished under the Contract Documents, the Engineer will determine which takes precedence.

Elvin Pagan Padilla
President

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FINANCIAL STATEMENTS	
Statement of financial condition	3
Statement of changes in net worth	4
Notes to statement of financial condition	5-8

CPA SILVANO RIVERA VEGA

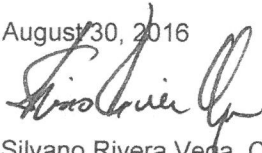
Calle Caribe Final
Urb. Oasis A-8
Toa Baja, PR 00949
Cel. (787)390-7254
silvanorivera@gmail.com

INDEPENDENT ACCOUNTANT'S COMPILATION REPORT

Mr. Elvin Pagán Padilla
San Juan, Puerto Rico

Mr. Elvin Pagán Padilla is responsible for the accompanying statement of financial condition as of July 31, 2016 and the related statements of changes in net worth for the period then ended and the related notes to the financial statement in accordance with accounting principles generally accepted in the United States of America. I have performed the compilation engagement in accordance with Statement on Standards for Accounting and Review Services Committee of the AICPA. I did not audit or review the financial statements nor was I required to perform any procedures to verify the accuracy or completeness of the information provided by Mr. Elvin Pagán Padilla. Accordingly I do not express an opinion, a conclusion, nor provide any form of assurance on these financial statements.

August 30, 2016



Silvano Rivera Vega, CPA
License 3,140
Stamp number O2728460
was adhered to the
original report.



MR. ELVIN PAGAN PADILLA
NOTES TO STATEMENT OF FINANCIAL CONDITION
Period ended July 31, 2016

NOTE A – GENERAL

Basis of accounting

The accompanying statement of financial condition includes the assets and liabilities of Mr. Elvin Pagán Padilla. The assets are stated at their estimated current values and the liabilities at their estimated current amounts. Estimated current values are intended to approximate amounts at which the assets could be exchanged between a buyer and a seller, each of whom is informed and willing and neither of whom is compelled to buy or sell.

Method of Accounting and Accounting Estimates

The accompanying financial statement was prepared using the accrual method of accounting. Mr. Elvin Pagán Padilla use estimates and assumptions in preparing financial statements in accordance with generally accepted accounting principles. The estimates determined by Mr. Elvin Pagán Padilla were inherent in the preparation of this financial statement. The estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities. Actual results could vary from the estimates that were assumed in preparing the financial statements.

Concentration of credit risk

Financial instruments, which potentially subject the individuals to concentration of credit risk, consist principally of cash accounts. The Federal Deposit Insurance Corporation (FDIC) covers the amount of deposits up to \$250,000 per depositor. As of July 31, 2016, there was a balance above this amount of \$927,171.

NOTE B – INVESTMENTS

Closely held business

Mr. Elvin Pagán Padilla owns 55% of LT Automation, Inc., engaged as a general electrical contractor, 55% of the common stocks of AP Equipment, Inc., engaged in the rental of equipment, and 100% of the common stocks Q Engineering, PSC, engaged in the administration and design of special projects. The estimated current value of the investments is determined by the net book value of the net assets as of May 31, 2016, for LT Automation, Inc., and AP Equipment, Inc. and December 31, 2015 for Q Engineering, PSC, which is the latest available financial statements date. Condensed balance sheets of closely-held corporations prepared in conformity with generally accepted accounting principles in the United States of America is summarized below:



MR. ELVIN PAGAN PADILLA

NOTES TO STATEMENT OF FINANCIAL CONDITION - CONTINUED

Period ended July 31, 2016

NOTE B – INVESTMENTS - CONTINUED**Closely held business**

	LT Automation Inc	Q Engineering PSC	AP Equipment Inc
Current assets	\$ 5,324,594	\$ 140,912	\$ 246,710
Property, plant and equipment - net	483,029	-	-
Other assets	1,194,033	-	-
	<hr/>	<hr/>	<hr/>
Total assets	7,001,656	140,912	246,710
Current liabilities	346,653	297,335	240,141
Long-Term Debt	3,240,113	-	-
	<hr/>	<hr/>	<hr/>
Total liabilities	3,586,766	297,335	240,141
Equity	<u>\$ 3,414,890</u>	<u>-\$ 156,423</u>	<u>\$ 6,569</u>
	55%	100%	55%
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>
	\$ 1,878,190	-\$ 156,423	\$ 3,613
		Total equity	1,725,379
		Quoted price	500,000
		Goodwill	-
		Total	<u>\$ 2,225,379</u>

The current value of the closely-held corporation was computed using the book value of \$1,725,379 plus \$500,000 for the latest bid quotation of the property (less the book value recorded).

Cash value of an annuity

The fair value of annuity investment fund of Mr. Elvin Pagan Padilla amounted to \$2,398,878 at July 31, 2016. These funds are available to the beneficiaries five years after the issue date. The funds are invested in cardinal funds and diversified investments funds maintained by a broker house. Estimated current value was determined by contract value provided by investment brokers.



MR. ELVIN PAGAN PADILLA
NOTES TO STATEMENT OF FINANCIAL CONDITION - CONTINUED
Period ended July 31, 2016

NOTE B – INVESTMENTS – CONTINUED

Marketable securities

The estimated current values of marketable securities are either their quoted closing prices, or for securities not traded on the financial statement date, amounts that fall within the range of quoted bid and asked prices.

Marketable securities consist of the following:

Mutual Funds	\$ 69,213
Money Market	15,093
Municipal bonds	378,324
Fixed income	78,861
Equities and others	<u>116,985</u>
	<u>\$ 658,476</u>

Individual Retirement Accounts

The individual retirement account consists of deposits in financial institutions bearing interests at 1.85% and expiring in 2021.

Retirement Plan

The retirement plan consists of deposits made to a qualified pension plan (Keogh), under section 1081.01 of the Puerto Rico Tax Code of 2011.

NOTE C – LIFE INSURANCE

At July 31, 2016, Mr. Elvin Pagán Padilla owns three life insurance policies with an aggregated face value of \$1,300,000.

NOTE D – RESIDENCE

Represents the main residence of Mr. Elvin Pagán Padilla located at Baldrich, San Juan, Puerto Rico. The estimated current value is its purchase price plus the costs of improvements.

NOTE E – REAL ESTATE

The real estate is a house priced at \$ 475,000 and an apartment quoted at \$ 170,000 located both in Florida, USA. The estimated current value is the opinion of Mr. Elvin Pagán Padilla based on its purchase price and comparable sales in the area.

NOTE F – VEHICLES

The current estimated fair market value of vehicles has been estimated by Mr. Elvin Pagán Padilla.



MR. ELVIN PAGAN PADILLA

NOTES TO STATEMENT OF FINANCIAL CONDITION - CONTINUED

Period ended July 31, 2016

NOTE G – PERSONAL EFFECTS AND JEWELRY

The current estimated fair market values of personal effects and jewelry have been determined by Mr. Elvin Pagán Padilla.

NOTE H – LINE OF CREDIT PAYABLE

Mr. Elvin Pagán Padilla has a line of credit with a bank institution amounting to \$\$360,000 of which \$344,658 was used as of July 31, 2016. It has an interest rate of 3.79% and is due in 2021. The line is secured with a certificate of deposit.

NOTE I – LOAN PAYABLE

The loan payable is due in 2019 and has a monthly payment of \$850 and collateralized with a vehicle.

NOTE J – ESTIMATED INCOME TAXES RELATED TO CURRENT VALUES

The estimated current amounts of liabilities at July 31, 2016, equaled their tax bases. Estimated income taxes have been provided on the excess of estimated current values of assets over their tax bases as if the estimated current values of the assets had been realized on the statement date, using applicable tax laws and regulations. The provision will probably differ from the amounts of income taxes that eventually might be paid because those amounts are determined by timing and the method of disposal or realization and the tax laws and regulations in effect at the time of disposal or realization.

NOTE K – SUBSEQUENT EVENTS

Mr. Elvin Pagán Padilla follows the provisions of FASB ASC 855 "Subsequent Events", which establishes general standards to be applied in accounting for, and disclosure of events that occur after the financial statement's date but before the financial statements are issued or available to be issued. This standard introduces the concept of "financial statements available to be issued", which are financial statements that are complete in form and format, that complies with generally accepted accounting principles (GAAP) and have obtained all approvals required for issuance.

FASB ASC 855 requires the disclosure of the date through which an individual has evaluated subsequent events and the basis for the date, whether it is the date the financial statement was issued or were available to be issued. This topic should be applied to the accounting and disclosure of subsequent events not addressed on other applicable GAAP.

Mr. Elvin Pagán Padilla evaluated subsequent events until August 30, 2016, date in which the financial statement was available to be issued.



Rafael J. Santiago Amaro

CAREER PROFILE:

Civil Engineer with fourteen (14) years' experience as Supervisor, Project Engineering and Project Manager, in addition about 5 years on draftman. Experience in Project coordination as schedule, cost, regulations, contacted suppliers, project estimated and proposal; also, purchase of equipment, parts and tools. Experience in building construction, earth movements, road construction, water tank construction, noise reduction wall installation, retaining wall construction, sidewalk and concrete curb construction, asphalt pavement installation, fire protection system installation (sprinklers) and HVAC systems. Experience and strong knowledge in PCCP, RCP, Ductile Iron, PVC and Polyethylene pipe installation. People and teamwork oriented with the ability to work under pressure, self starter and quick learner. Effective communication Oral and writing in Spanish and English. Skilled in office computerized systems such as Windows 98\2000\XP\Vista, Windows7, Word, Excel, Power Point, Project, Eagle Point and proficient in AutoCAD 2000\2002\2004\2007\2010, Timberline and Primavera Project Planner P6.

RELEVANT PROJECT IN CHARGE:

1. 16" Ductile Iron Potable Water Wyeth Pharmaceutical – Carolina, PR. (2003-2004)
2. Construction Belt Filter Press Building – Cataño, PR. (2004-2005)
3. 2.5 MG Concrete Tank & Pipes - Carolina PR. (2004-2005)
4. Improvement to Sergio Cuevas Water Treatment Plant - Trujillo Alto, PR. (2005-2009)
5. Escuela Jesus M. Pastrana Fire Protection System Installation (2009)
6. Cooper Vision Grind CTRFP Underground Relocation (2009)-Shutdown
7. Cooper Vision Existing Post Indicator Valve Relocation (2010)-Shutdown
8. Sanitary Connection of Roche K-6 (2010)
9. Sanitary Connection of 15 School to Sanitary Sewer Systems (2010-2011)
10. Cooper Vision Fire Systems Risers Relocation(2011)-Shutdown
11. Improvements to Josefina Leon Zayas School (Siglo XXI) (2011-2013)
12. PR01 Master Project Plan (Lilly del Caribe, Carolina) (2014)
13. Support for Non Revenue Water Reduction Program Improvements and Optimization Works East and South Region (2014-2015)
14. "Programa de Corrección de Salideros Regios Este AAA" (2014-Present)

PROFESSIONAL EXPERIENCE:

LT Automation Inc., San Juan, PR.

Project Manager – November 2014 – Present

- Project Managing & Sub-Contract negotiation
- Perform Project Cost Analysis
- Perform Monthly Certification of completed work
- Perform External Purchase Orders
- Perform Change Orders for Project Cost Materials & Services
- Sub- Contractors Administration & Supervise them.
- Perform Project Monthly Reports
- New Jobs Prospects & Estimating
- Develop and Maintain Relationship with Customers
- Review all Project Bid Documents to Insure Bid Compliance
- Establishing Goals and Objectives for the Field Operations of the Company

Fluor Daniel Caribbean, San Juan, PR.

Construction Eng. III (Scheduler) – Project Control Division, March 2014 – November 2014

- Civil Construction Engineer
- Project Scheduler & Planner
- Perform Metrics in Weekly Basics
- Schedule Update in Weekly Basics
- Construction Progress Follow Up

Aerometálica Corporation, Ponce, PR.

Project Manager – General Construction Division, June 2011 – May 2013

- Project Managing & Sub-Contract negotiation
- Perform Project Cost Analysis
- Perform Monthly Certification of completed work
- Perform External Purchase Orders
- Perform Change Orders for Project Cost Materials & Services
- Sub- Contractors Administration & Supervise them.
- Perform Project Monthly Reports
- New Jobs Prospects & Estimating
- Develop and Maintain Relationship with Customers
- Review all Project Bid Documents to Insure Bid Compliance
- Participates in Establishing Goals and Objectives for the Field Operations of the Company

Engineering Professional Services (Private)

- Engineering Supervision services in project
- Project Management and Supervisory Project Services
- Prepare quotations & Project estimate for several companies
- As built drawings & New Construction drawings
- Housing drawings, Scheduler & Safety Officer Services

Aerometálica Corporation, Ponce, PR.

Division Manager – Hydro Sanitary Division, May 2009 – November 2009

- New Division Development
- New Jobs Prospects & Estimating
- Develop and Maintain Relationship with Customers
- Project Managing & Sub-Contract negotiation
- Review all Project Bid Documents to Insure Bid Compliance
- Participates in Establishing Goals and Objectives for the Field Operations of the Company

Bermúdez – Longo, Díaz Masso S.E., San Juan, PR.

Jr. Project Manager – Hydro Sanitary Division, June 2006 – May 2009

- Perform Project Cost Analysis
- Perform Monthly Certification of completed work
- Perform External Purchase Orders
- Perform Change Orders for Project Cost Materials & Services
- Sub- Contractors Administration & Supervise them.
- Perform Project Monthly Reports

Project Engineer – Hydro Sanitary Division, March 2004 – June 2006

- Perform Purchase Orders
- Conducted Progress Meetings with Construction & Inspection staff
- Responsible to act Recommendations, Decisions, Informs, etc.
- Coordination of works (Civil, Mechanical & Electrical works)

Superintendent – Hydro Sanitary Division, June 2003 – March 2004

- Personal Supervising
- Perform Pay Roll
- Responsible for Local Purchase
- Perform As Built Drawing
- Project Meeting
- Responsible for follow up of Safety Program in the Project

Draftsman – Mechanical Division, October 2000 – June 2003

- Coordinate Mechanical Drawing Piping and HVAC
- Perform As Built Drawing

EDUCATION:

Polytechnic University of Puerto Rico, Hato Rey Campus

- Bachelor Degree in Sciences of Civil Engineering
Universidad de Puerto Rico, Recinto de Ponce
- Associate Degree in Surveying
- Associate Degree in Civil Engineering Technician

COMPUTER SKILLS:

- Computer programs such as Scketch-up 7, AutoCAD 14, 2000, 2002, 2004, 2007, 2010 Word 98\2000\XP\Vista, Excel, Power Point, Eagle Point, Primavera Project Planner P6, Microsoft Project 2007 and Timberline, Plan Swift 9; Progress Schedule, Graphics, etc.

TRAININGS OR\ANDCERTIFICATIONS:

- OSHA 30 HR Safety Training
- Construction Management
- Primavera Project Planner P3 & P6
- Microsoft Project 2007
- Advanced AutoCAD
- Rigging Safety Training
- Timberline
- Pharmaceutical GMP's
- Confined Space
- Advanced Excel/ Advanced Word

LANGUAGES: Spanish as a first language and English as a second language.

REFERENCES: Available upon request.

Resume

Elvin Pagan

B-4 Paseo Real
San Juan PR 00926

Specialties

Professional Engineer with great knowledge and expertise in Project Management, Construction Audits, Contract Administration, Design Specification, Project Scheduling, Automation in Power Plants and Chemical Process Plants, Project Closing, Feasibility of project cost estimates cost analysis and project execution.

Academic Preparation

Mechanical Engineer Degree

- University of Puerto Rico Mayaguez Campus
- Cum Laude (With Honor)
- License 8934

Professional Experience

National Aeronautic & Space Administration

- From 1979 to 1981
- .Design Engineer
- Member of the review committee in charge of reviewing all the modification of the launching pad for the Shuttle program. In addition, included the supervision of the actual modification of the launching pad from Saturn V style rocket to reusable Shuttle vehicle. This assignment required complete audit of the civil, electrical, and mechanical design of this complex project as well the field supervision and inspection.

Phillips Petroleum

- From 1981 to 1985
- Design and Project Management of many constructions at the site, the involvement was in project from civil construction to electrical and mechanical projects. The responsibilities included the feasibility study, design phase, bid evaluation, contract award, and project management up to the closing of the project. Due to all the regulation and Safety consideration of the petroleum industry the project Management becomes a critical aspects of any project at the site so my responsibility was measured in terms of project cost, project schedule and safety in the operation of the new facilities.

The Foxboro Company

- From 1986 to 2000
- General Manager

In charge of the development of all the projects for the Foxboro Company through the Caribbean. This assignment includes the evaluation all the phases related to the project, such as Contract Evaluation, Bid Preparation, Project Management, Field Project Site Acceptance, conflict resolution and project closing. As part of the assignment a complete supervision of the field construction work was required. All

Resume

aspect of the projects were evaluated, budget, specification, project schedule and final acceptance test. Many successful projects were develop and implemented during those years such as the following;

- Design and implementation of Fermentation Control at Eli Lilly Carolina
- Tank Farm management at Bristol Myers Squibb Humacao
- Chemical Process at Janssen Gurabo
- WWTP at Abbott Barceloneta
- Cement Plant Automation Cementos Nacionales at Dominican Republic
- Petroleum Refinery Automation at Falcom Bridge Dominican Republic
- Fermentation Process Automation at Upjohn Barceloneta
- Power Plant Automation at Falcom Bridge Dominican Republic
- Power Plant Automation at San Juan Steam Plant
- Power Plant Automation at Palo Seco Steam Plant
- Power Plant Automation at Aguirre Steam Plant
- Power Plant Automation at Combined Cycle Steam Plant
- Gasoline Blending at BORCO Bahamas
- Many others projects through the Caribbean

Process and Energy Automation has been my expertise.

From 2000 to 2004

Professional Services

▪ Working as freelance agent offering my services as Project Manager, Contract Audits and Forensic Examination for Civil and Electrical areas. I have been involve in many projects as a consultant, performing project management, and preparing project feasibility, cost estimate, bid package and project management for the owner of the facility. Others assignments had been for Project Audit and Conflict Arbitration.

From 2004

LT Automation

President in charge of all phases of the operation which include budget analysis, recruiting all personal for administration and operation such as Project Manager, estimator, application engineers, and field superintend. LT Automation commenced operation in May 2004 and our last fiscal year (may 31, 2010) ended with over 7.1 million in sales. Our company have three main division as follows;

- Engineering Services, we provide automation services such as Plant Automation Services using PLC, DCS and other digital systems.
- Construction Services, we specialized in the Water Business and provide installation services for Main Potable Water Lines and Sewage Piping in the

Resume

repair maintenance and new installation.

- WWTP construction and maintenance
- Lift Station
- Pump Station construction and maintenance
- Sales, we sell spare parts for industrial equipment in the Power Generation, Pharmaceutical and Water Business.

My other strategic functions within LT Automation are as follows;

- Strategic development to bring the latest technologies for Energy Generation at the lowest possible cost in Puerto Rico
- Project Development which consist in promote new ideas and strategies for the development of energy efficient projects within Puerto Rico
- Investigate and develop new green energy initiatives for a better environment
- Provide a new vision on how to manage and integrate technology for a better Puerto Rico, we want to be part of the solution that we need to have a better society.

Angel M Cruz PE Lic. 81551 FL

1055 Pennsylvania Ave Suite 6 Miami Beach, FL. 33139 | 7865580531 | acruz@dbjec.com

Objective

A capable and determined Electrical Engineer seeks a challenging growth oriented position with an organization that will make full use of my education experience, loyalty and interpersonal skills.

Qualifications

- Quick Learner. Motivated and dedicated to get the job done right.
- Excellent communication and motivation skills. Strong management and interpersonal skills.
- Familiar with all phases of construction.
- Knowledge in working with managing teams and subcontractors.
- Dedication to the Organizations Objectives.
- Confident and Versatile, able to accept varying challenging assignments.
- Able to work well with clients, resolve issues and ensure satisfaction.

Experience

Los Corozos Pump Station- Infrastructure Metro Region, PR. (2007) PRASA.

- Design, Supply and Install Three (3) 350HP Sanitary Pumps.
- Design, Supply and Install Electrical MCC for Three (3) 350HP VFD'S.
- Construction of a By Pass.
- Refurbish Pump Station Building.
- Installation of Two (2) 54" Sluice Gates.
- Restoration of Wet Pit with Concrete Mortar.
- Cost: \$ 1,150,000.00

Vilamar Pump Station- Infrastructure Metro Region, PR. (2007) PRASA.

- Refurbish Electrical MCC.
- Construction of By Pass.
- Refurbish Pump Station Building.
- Installation of 350 LNMT of 24" Sanitary Force Line.
- Restoration of Wet Pit with Concrete Mortar.
- Cost: \$ 1,022,000.00

Water Distribution Pipe Candelaria, Toa Baja- Infrastructure Metro Region, PR. (2007) PRASA.

- Design and Build 1270 LNMT Potable Water Force Line, 4" SDR-14.
- Installation of 4" Gate Valves.
- Installation of Fire Hydrants.
- Installation of Water Meter Boxes.
- Asphalt Restoration.
- Cost: \$ 542,000.00

Water Distribution Pipe Sabana Seca, Toa Baja- Infrastructure Metro Region, PR. (2007) PRASA.

- Design and Build 1027 LNMT Potable Water Force Line 4" SDR-14.
- Installation of 4" Gate Valves.
- Installation of Fire Hydrants.
- Installation of Water Meter Boxes.
- Asphalt Restoration.
- Cost: \$ 507,000.00

Aguire Power Plant Hydrogen Cooling System, Guayama, PR. (2012) PREPA.

- Design, Supply and Install One (1) Hydrogen Generator.
- Design, Supply and Install Two (2) Stable Flow Systems.
- Design, Supply and Install Electrical Power and Controls Equipment.
- Design, Supply and Install Mechanical Piping to feed Hydrogen.
- Cost: \$ 700,000.00

Non-Revenue Pilot Project Yauco, Catano, Corozal, PR. (2012) PRASA.

- Replacement of Industrial Customers Water Meters. 2" and Larger.
- Replacement of Residential Customers Water Meters. 1" and Smaller.
- Construction of Manholes for Flowmeters Installations.
- Construction of Manholes for Water Meters Installations.
- Connections from Water Main Distribution to Water Meters.
- Installation of Gate Valves to Isolate Main Distribution Line Water System
- Cost: \$ 1,982,000.00

Water Distribution Pipe Vista Alegre, Bayamon, PR. (2012) Bayamon County.

- Design and Build 1200 LNMT Potable Water Force Line 4" SDR-14.
- Installation of 4" Gate Valves.
- Installation of Water Meter Boxes.
- Asphalt Restoration.
- Cost: \$ 500,000.00

Design and Build Bartolo and Las Avispas Pump Stations- Infrastructure North Region, PR. (2013) PRASA.

- Design and Build of Concrete Pump Rooms.
- Design and Build of Mechanical Pump System.
- Design and Build of Electrical Power and Lighting System to Service Pump Stations.
- Design and Build of Main Water Distribution Force Line 4" SDR 14.
- Cost: \$ 460,000.00

Non-Revenue PRANF-West Region, PR. (2014) PRASA.

- Replacement of Industrial Customers Water Meters. 2" and Larger.
- Replacement of Residential Customers Water Meters. 1" and Smaller.
- Construction of Manholes for Flowmeters Installations.
- Construction of Manholes for Water Meters Installations.
- Connections from Water Main Distribution to Water Meters.
- Cost: \$ 3,500,000.00

Design and Build Three Wells and Pump Stations- Infrastructure North Region, PR. (2015) PRASA.

- Drill and Install Casing Well Water Systems.
- Design and Build of Concrete Pump Rooms.
- Design and Build of Mechanical Pump Systems.
- Design and Build of Electrical Power and Lighting System to Service Pump Stations.
- Design and Build of Main Water Distribution Force Line 16" SDR 14.
- Cost: \$ 1,252,000.00

Design and Build Manati PRASA Operations Offices- Infrastructure North Region, PR. (2015) PRASA.

- Design and Build of PRASA Operations Building Facilities.
- Cost: \$ 430,000.00

Education

June 1999: Polytechnic University of Puerto Rico, Hato Rey Campus, P.R.

Bachelor of Science in Electrical Engineering.

April 2007: Electrical Systems Based on the 2002 NEC.

Continuous Education

August 2008: Photovoltaics Design and Installation.

Continuous Education

March 2010: Cost Construction Estimating.

Continuous Education

June 2010: OSHA 30 Hours-OSHA Standards for Construction.

Continuous Education

October 2010: Project Management Professional.

Continuous Education

April 2015: Infrastructure Repairs using Grouts.

Continuous Education

Employment

2004 to Present General Manager, AMC Engineering, Inc.

- Manage Finances of the Corporation.
- Electrical and Mechanical Estimates for Bidding.
- Design, Supervision and Inspection of Construction Projects.
- Development of New Water and Wastewater Projects for PRASA.
- Staff Supervisor for Accounting, Estimating and Project Management.

2000-2004 Project Engineer, Prime Controls, Inc.

- Field Inspector and Supervisor.
- Estimates for Change Orders.
- Daily and Monthly Reports.
- Documentation Control for Project Certifications, Change Orders, Submittals and Materials Testing.
- Lead Meetings with Owner, Contractor, Architects and Government Officials.
- Blueprints Interpretation and Work Execution.
- Coordination of Tasks with Contractor and Subcontractors.

1999-2000 Project Engineer, Maxon Engineering, Inc.

- Prepare Estimates for Bidding.
- Field Inspector and Supervisor.
- Daily and Monthly Reports.
- Documentation Control for Project Certifications, Change Orders, Submittals and Materials Testing.
- Lead Meetings with Owner, Contractor, Architects and Government Officials.
- Blueprints Interpretation and Work Execution.
- Coordination of Tasks with Contractor and Subcontractors.

1992-1996 Radar Repair Technician, US ARMY.

- 68R Avionics Radar Repair Technician.

1990-1992 Electrical Estimator, Continental Engineering, Inc.

- Prepare Electrical Estimates for Bidding.
- Power Lines, Traffic Signs and Lighting Systems Materials Take Off.
- Read and Interpretation of Blueprints.

1988-1990 Electrical Estimator, Bermudez and Longo, Inc.

- Prepare Electrical Estimates for Bidding.
- Buildings Interiors Materials Take Off.
- Read and Interpretation of Blueprints.

Professional Memberships

Active Member CIAPR-PE License 21188

FLBPE PE License 81551

Computer Skills

Software Applications: Microsoft Word, Excel, Power Point, Microsoft Project.